

Fig. 2.

Driver

Tester

Genomic DNA clones

BACs  
YACs  
PACs

↓ digest with restriction  
enzyme  
↓ ligate linkers

300 bp fragments with linkers

↓ PCR amplify with  
a biotin-dNTP

~~~~~b~~~~~b~~~~~b

RNA

↓  
cDNA

↓ digest with  
restriction enzyme  
↓ ligate linkers

300 bp fragments  
with linkers

↓ PCR  
amplify

=====

↓ denature  
reanneal

=====b

↓ magnetic  
bead coated with streptavidin

○ SA-b=====

===== enriched  
cDNA

→ wash, elute by rising temp. & lowering salt.

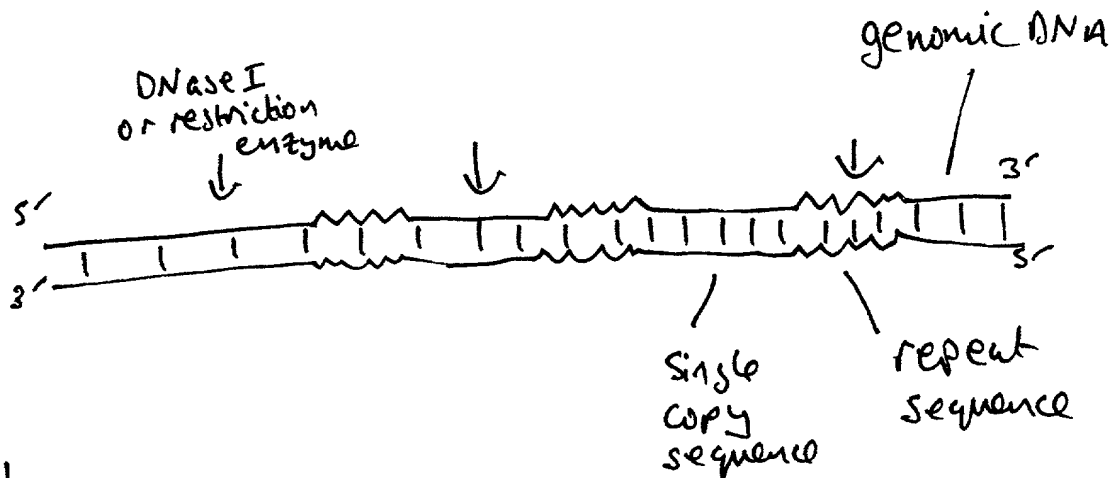
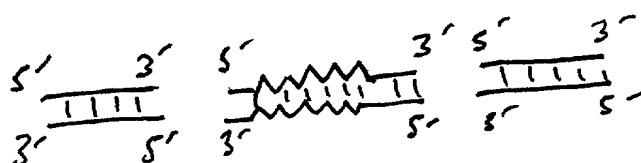
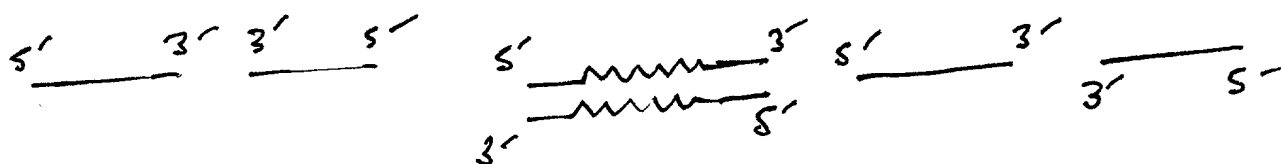


Fig. 1



denature / reanneal  
in phosphate buffer



hydroxapatite  
HPLC column  
load DNA in 10mM  $\text{PO}_4$   
elute in a gradient of  
10mM to 1M  $\text{PO}_4$

